

Docket No. AUS920030485US1

ABSTRACT OF THE DISCLOSURE

**METHOD AND APPARATUS TO AUTONOMICALLY TAKE AN EXCEPTION
ON SPECIFIED INSTRUCTIONS**

A method, apparatus, and computer instructions in a data processing system for monitoring the execution of a program. Instructions for calls and returns in the program are associated with a set of indicators. The program is executed using a processor. The set of indicators associated with the instructions causes the processor executing the instructions to generate data on calls and returns in the program.